

COMMUNICATION DEVICE AND METHOD, AND RECORDING MEDIUM

Inventors: JUN OKAZAKI

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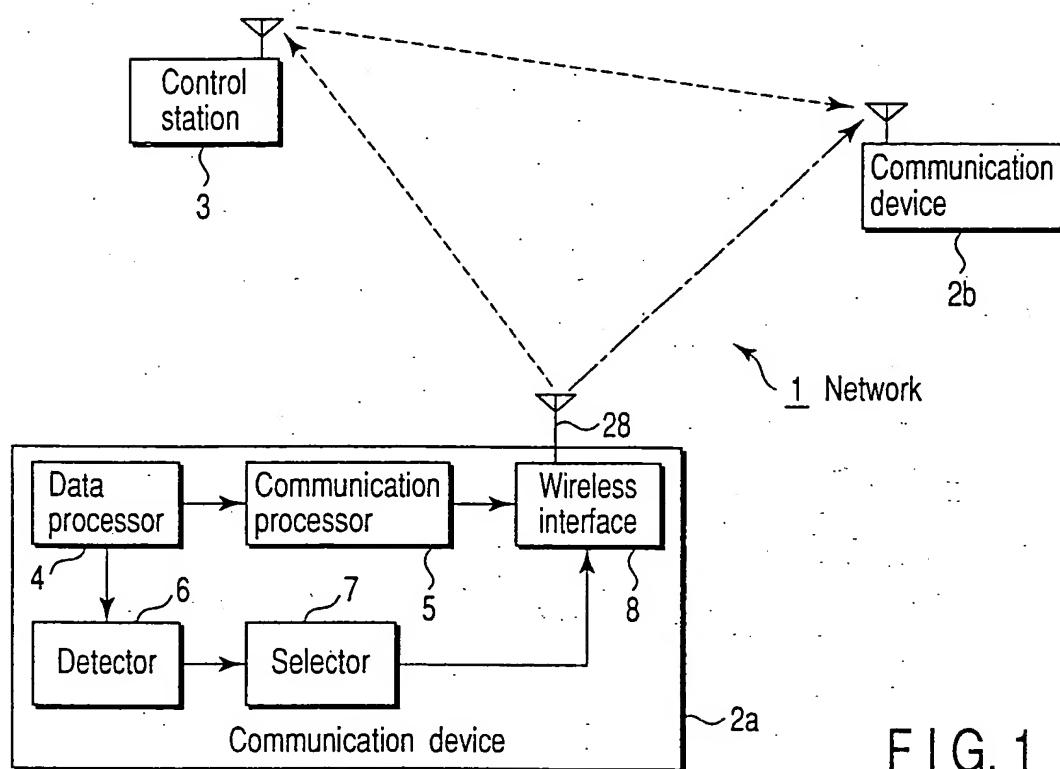


FIG. 1

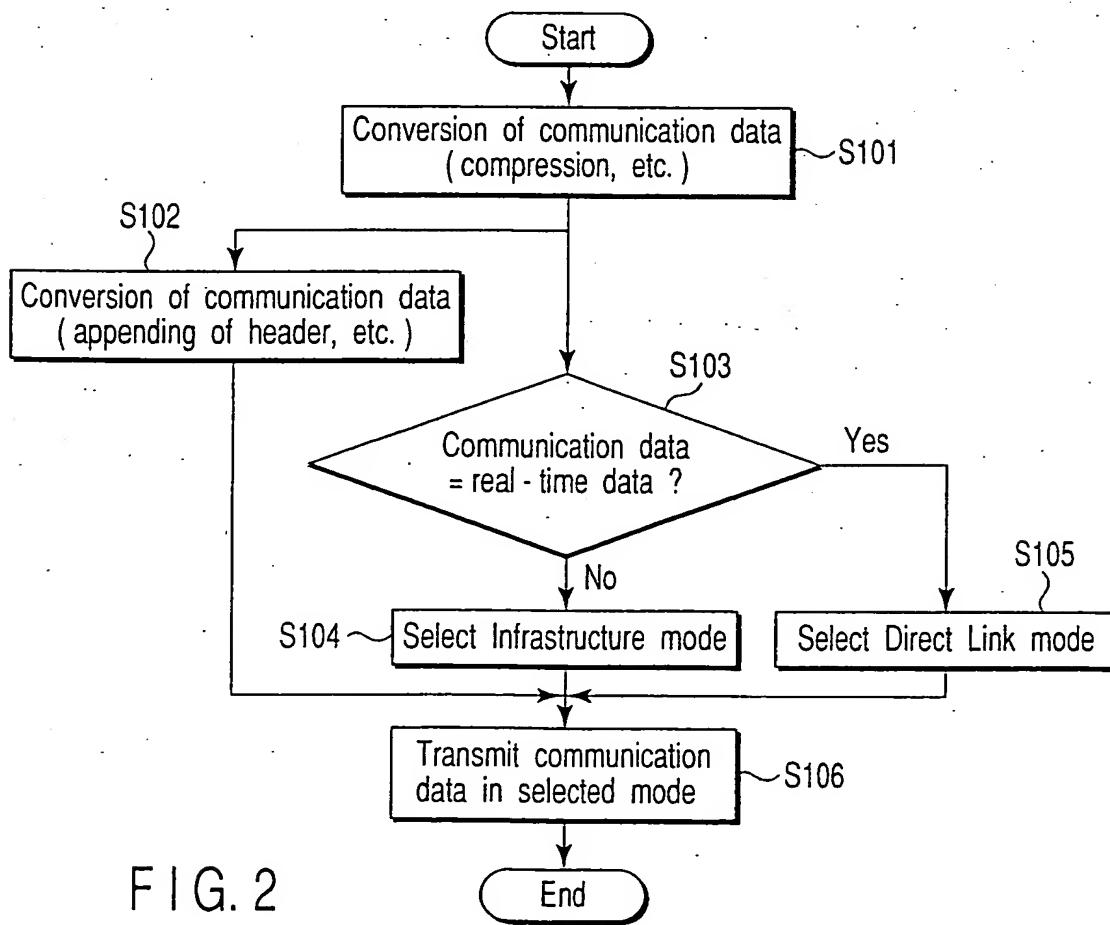


FIG. 2

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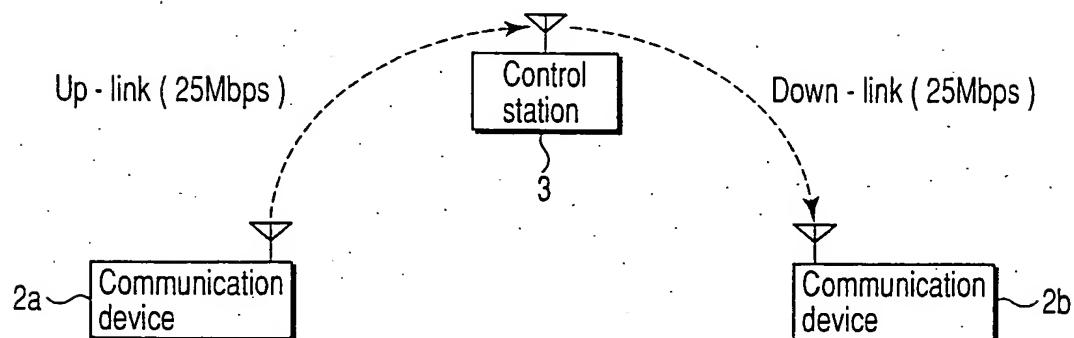


FIG. 3

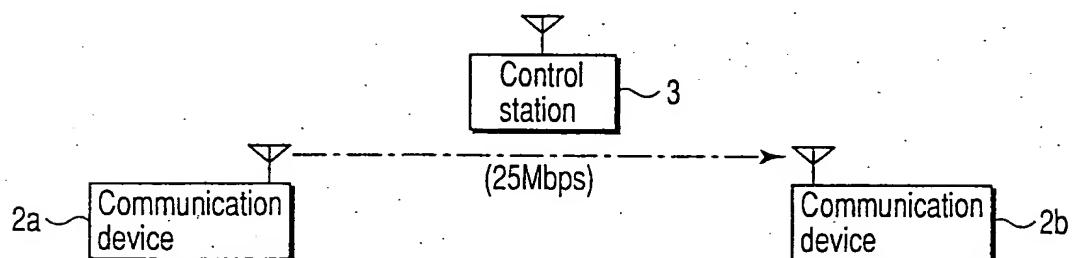


FIG. 4

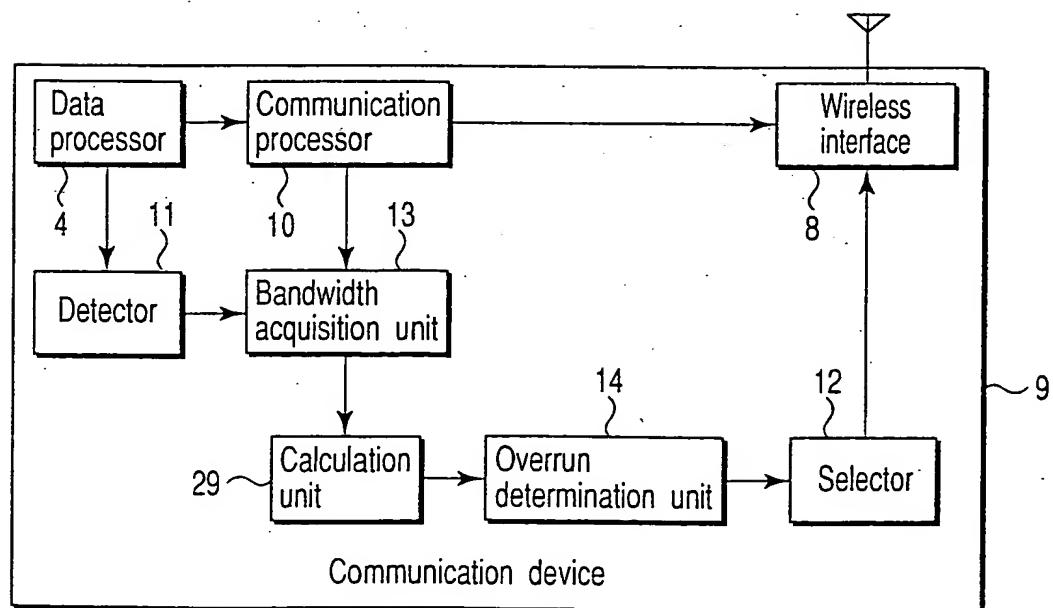


FIG. 5

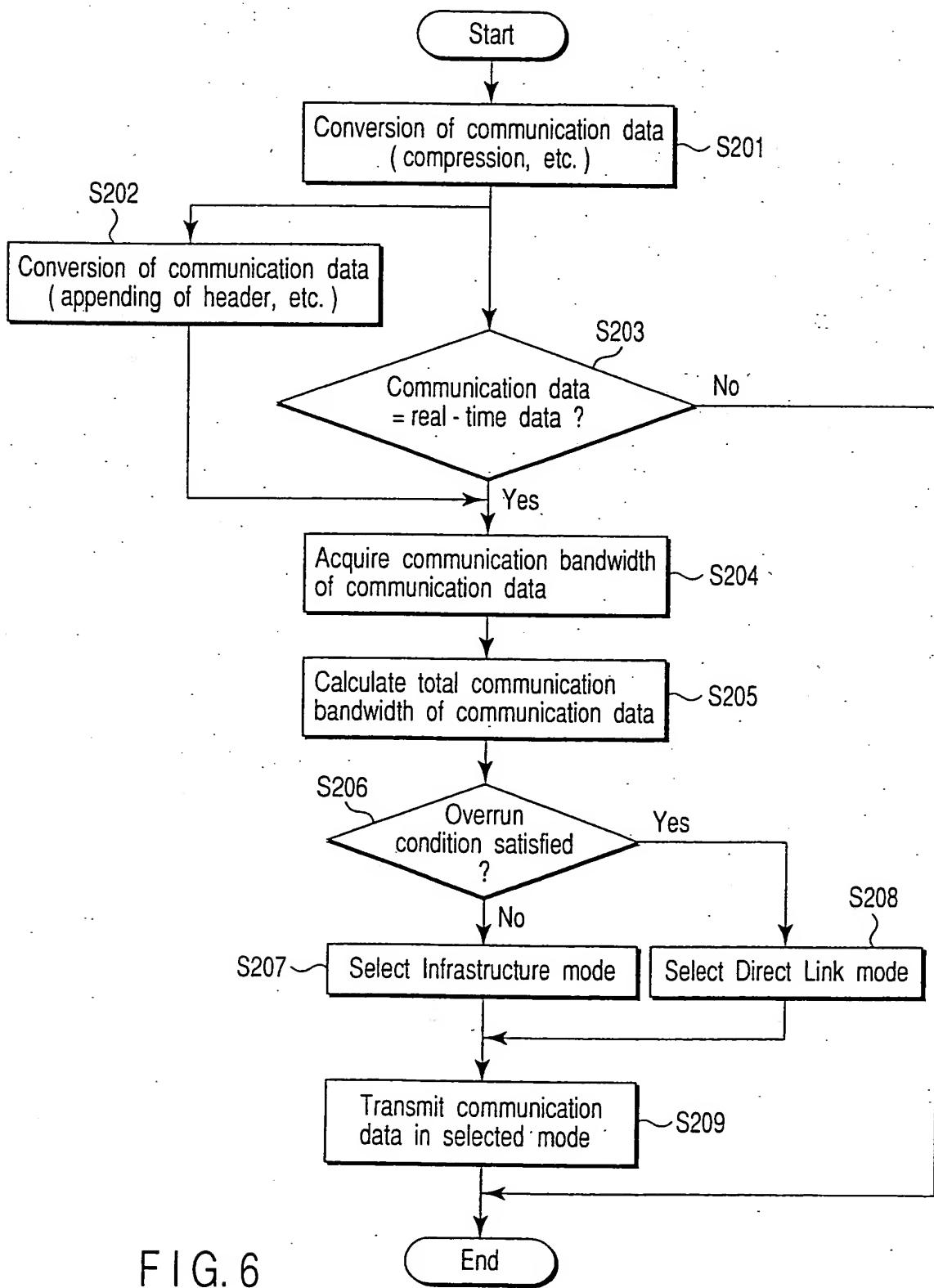


FIG. 6

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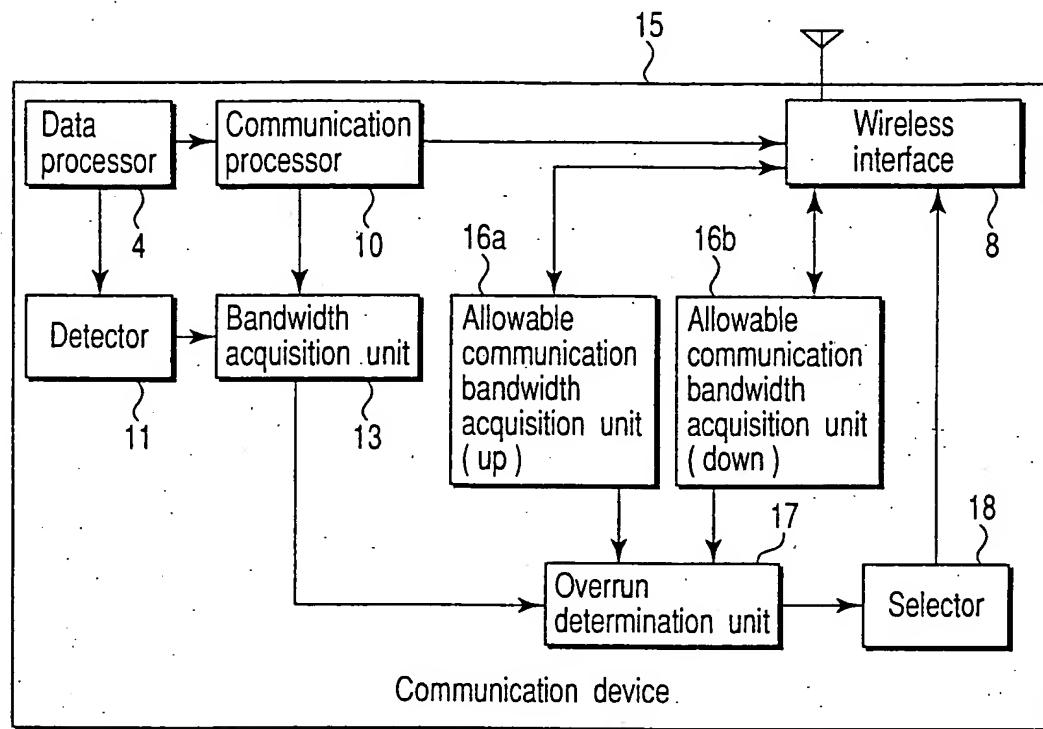


FIG. 7

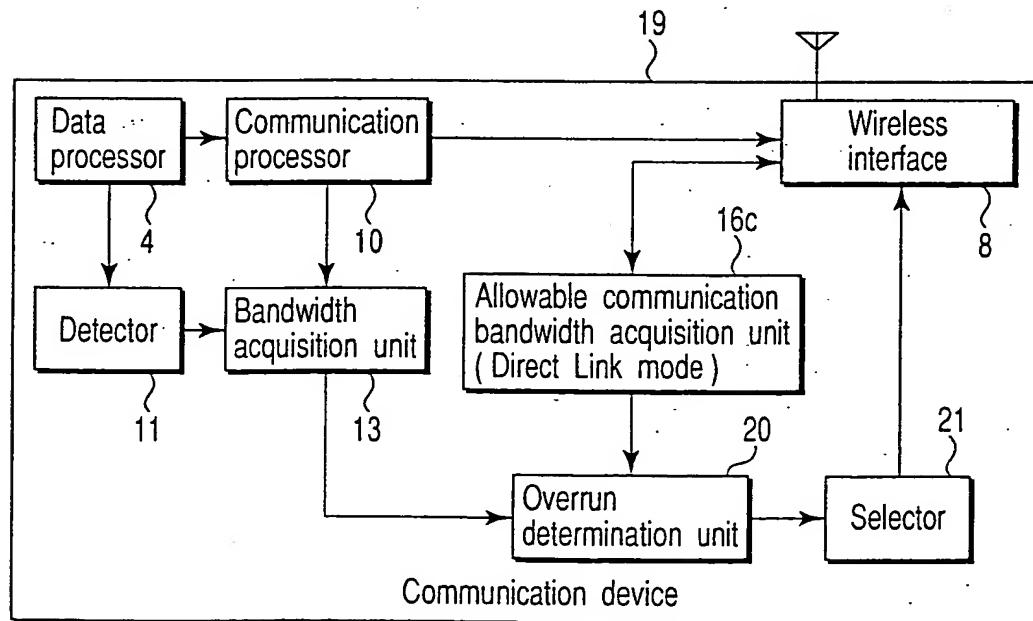


FIG. 9

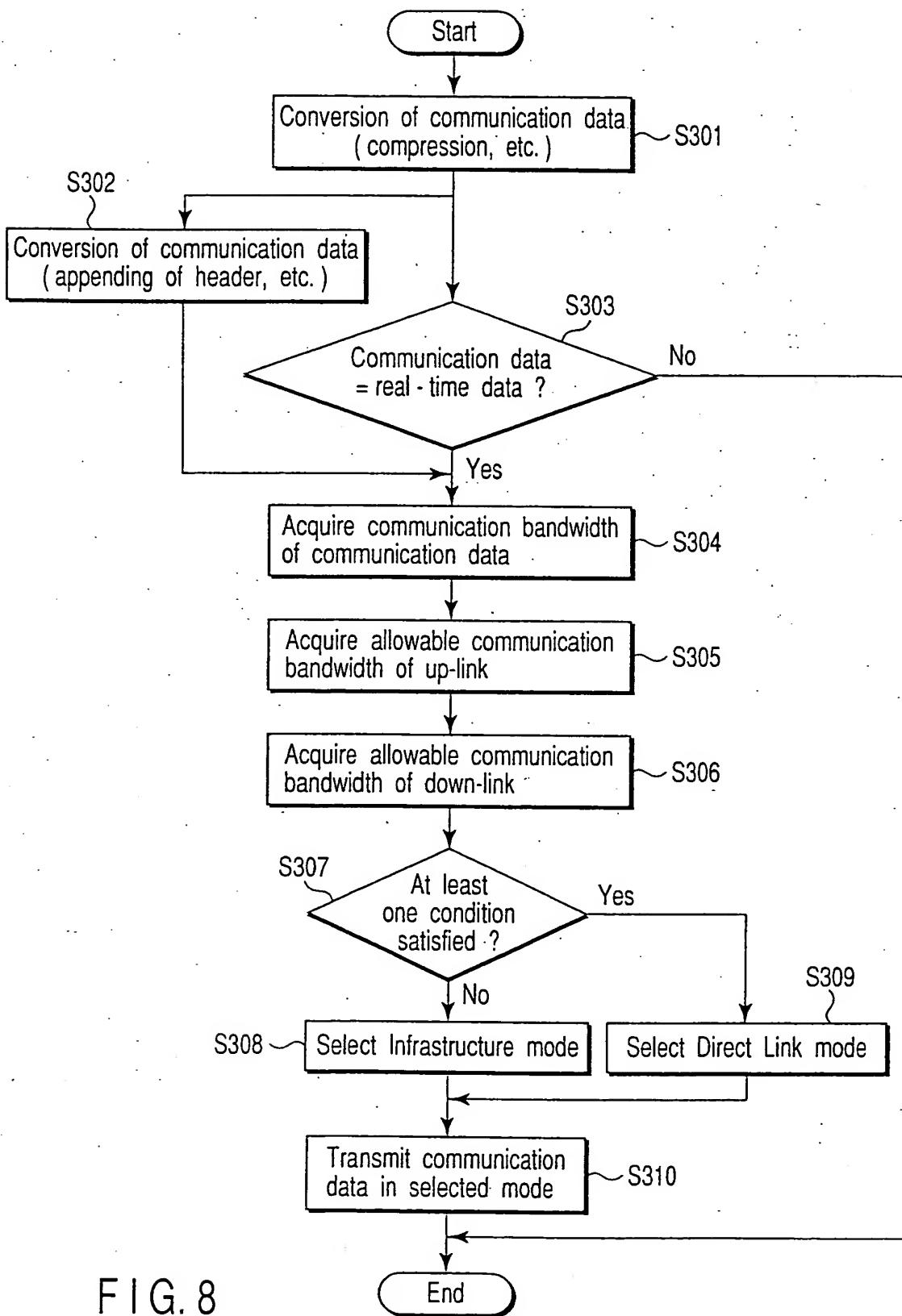


FIG. 8

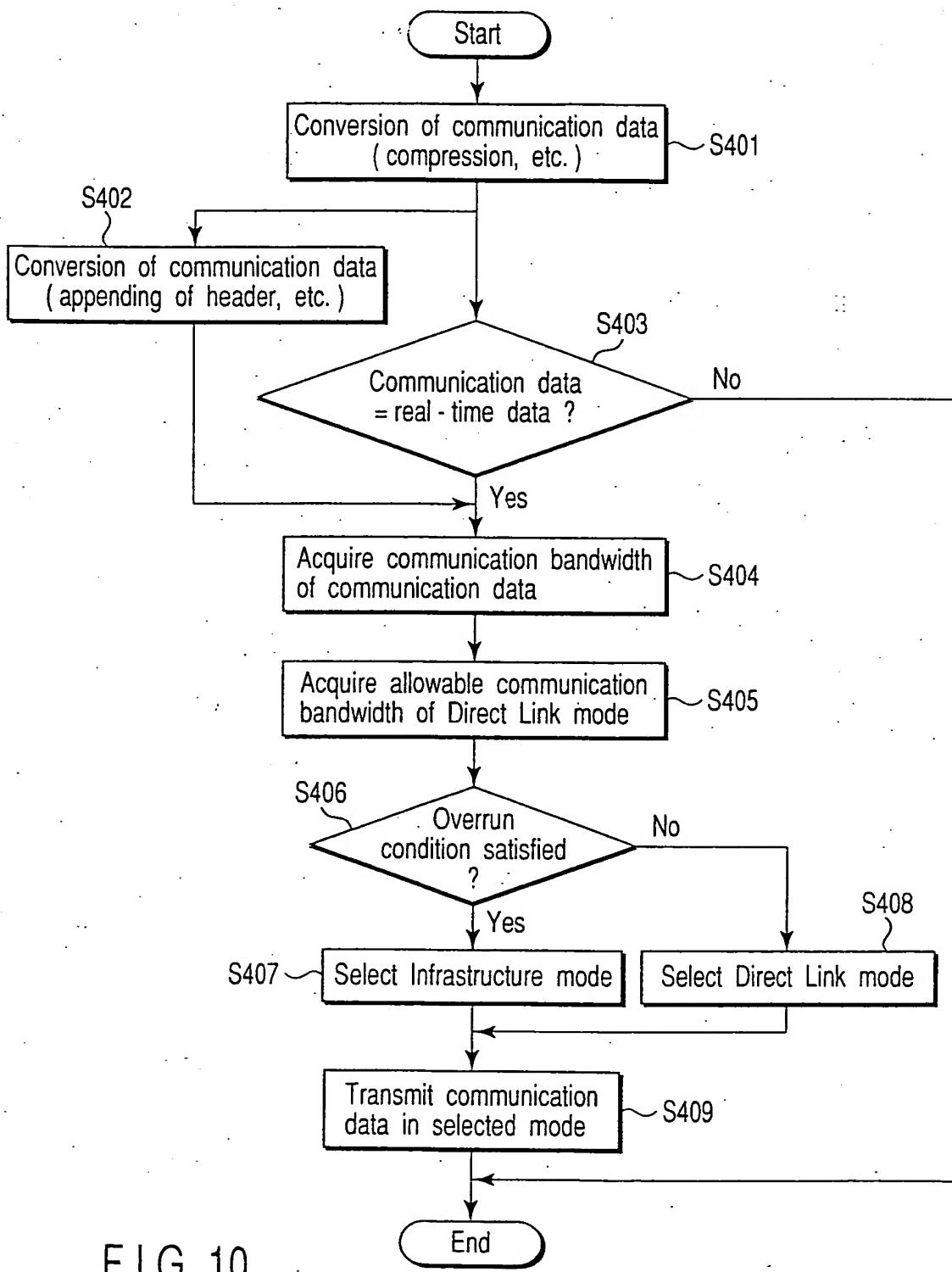


FIG. 10

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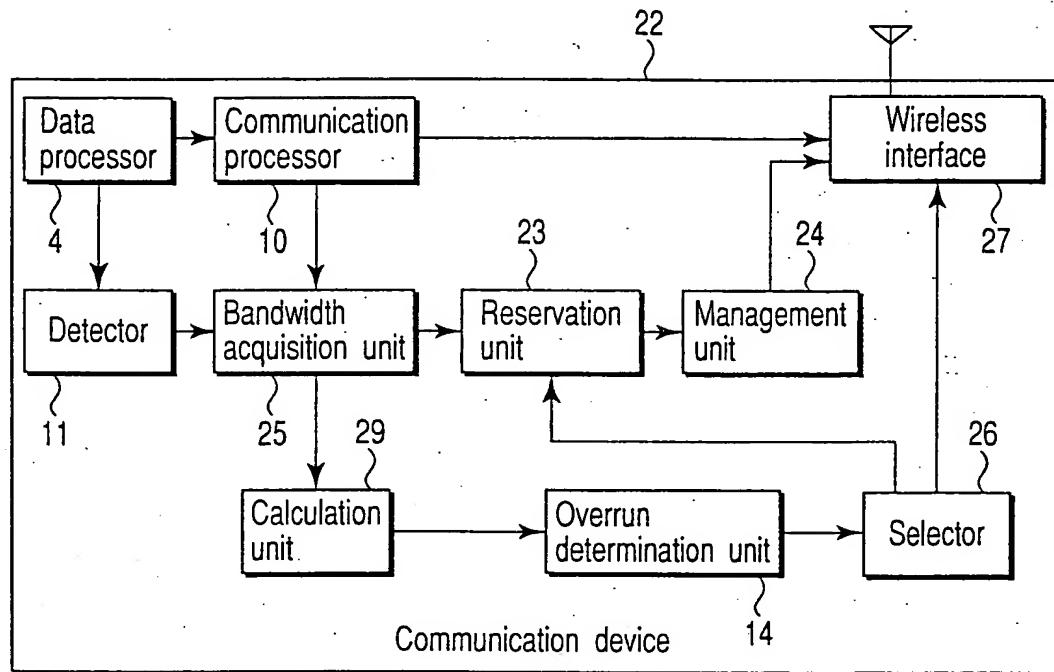


FIG. 11

Communication data	Up - link	Down - link	Direct Link mode
D ₁	Bandwidth B ₁	Bandwidth B ₂	
D ₂			Bandwidth B ₃
...

FIG. 12

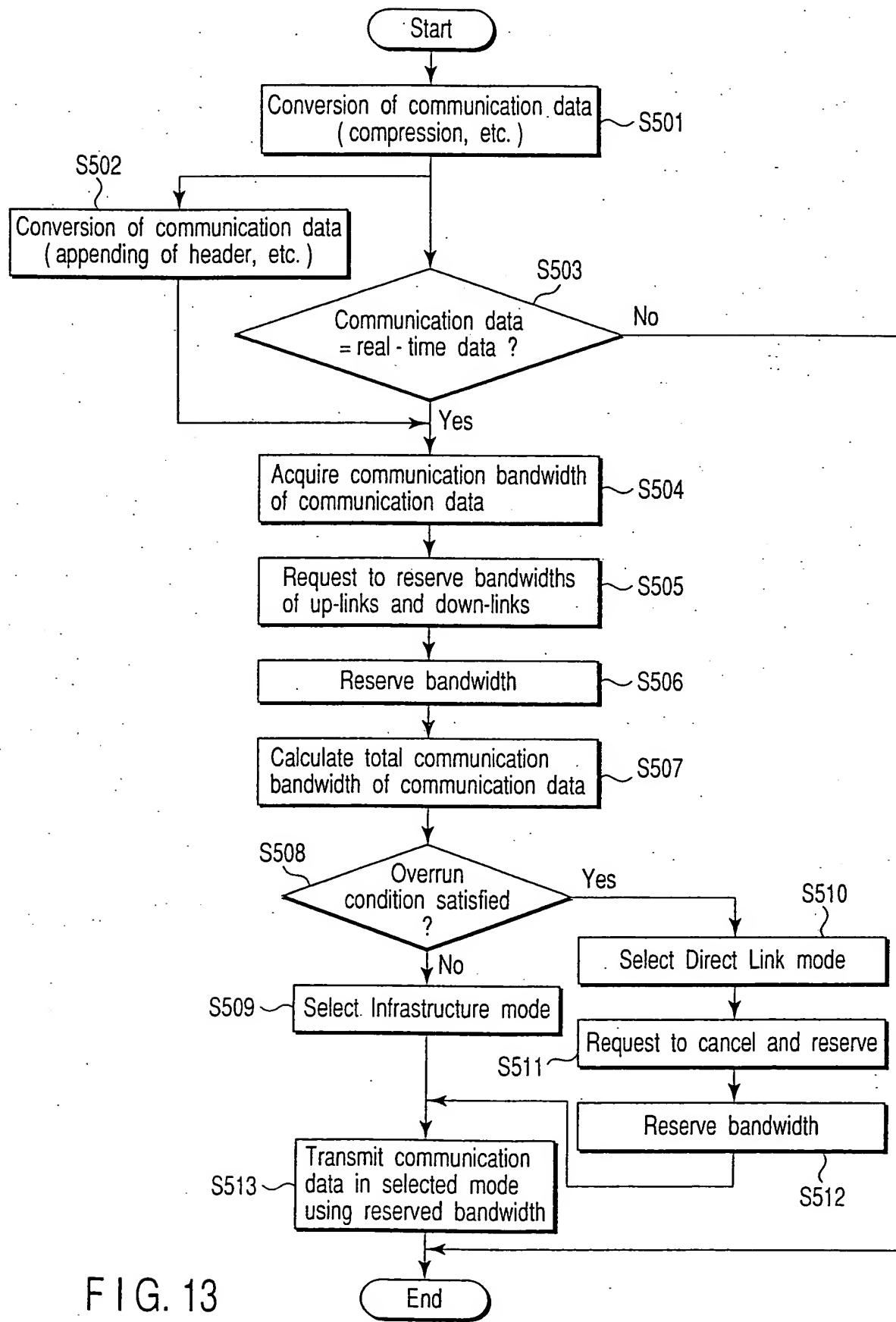


FIG. 13

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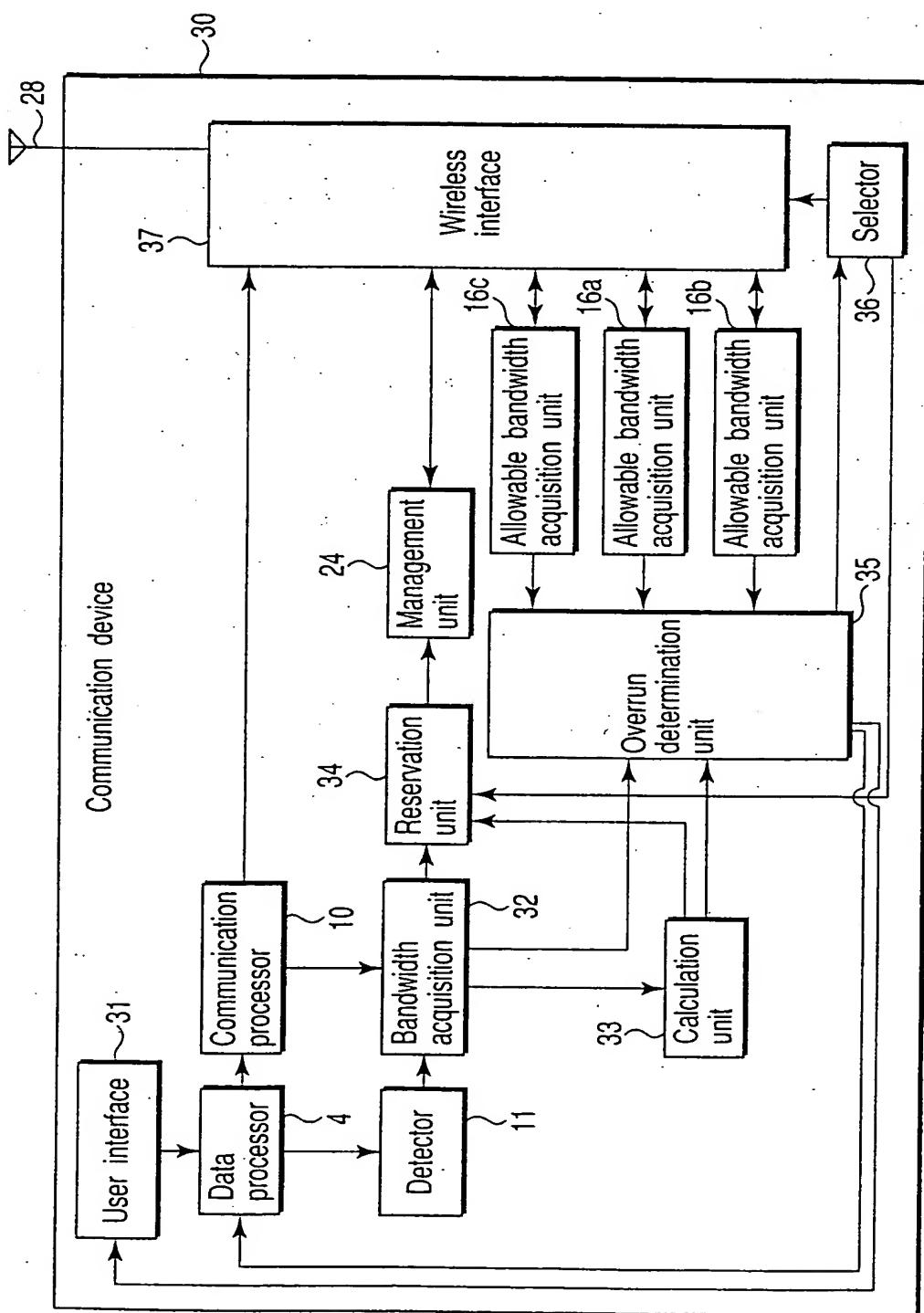


FIG. 14

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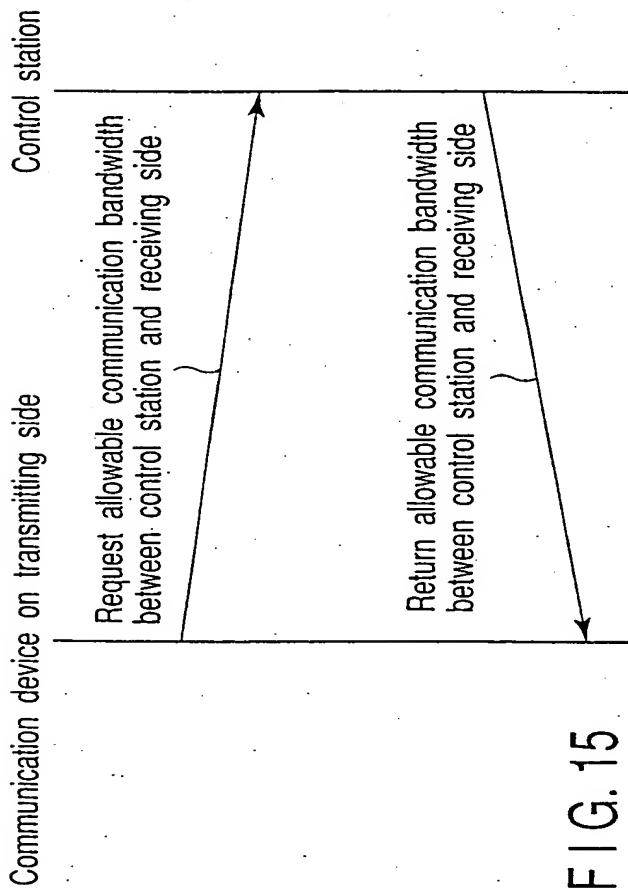


FIG. 15

Condition	Comparison contents
C1	Communication bandwidth of communication data $> 0.6 \times$ communication bandwidth of Direct Link mode
C11	Communication bandwidth of communication data $> 0.6 \times$ theoretical allowable communication bandwidth of network
C12	Total communication bandwidth of communication data $> 0.6 \times$ theoretical allowable communication bandwidth of network
C13	Communication bandwidth of communication data $> 0.6 \times$ allowable communication bandwidth of up-link
C14	Communication bandwidth of communication data $> 0.6 \times$ allowable communication bandwidth of down-link
C2	Communication bandwidth of communication data $\leq 0.6 \times$ allowable communication bandwidth of Direct Link mode

FIG. 17

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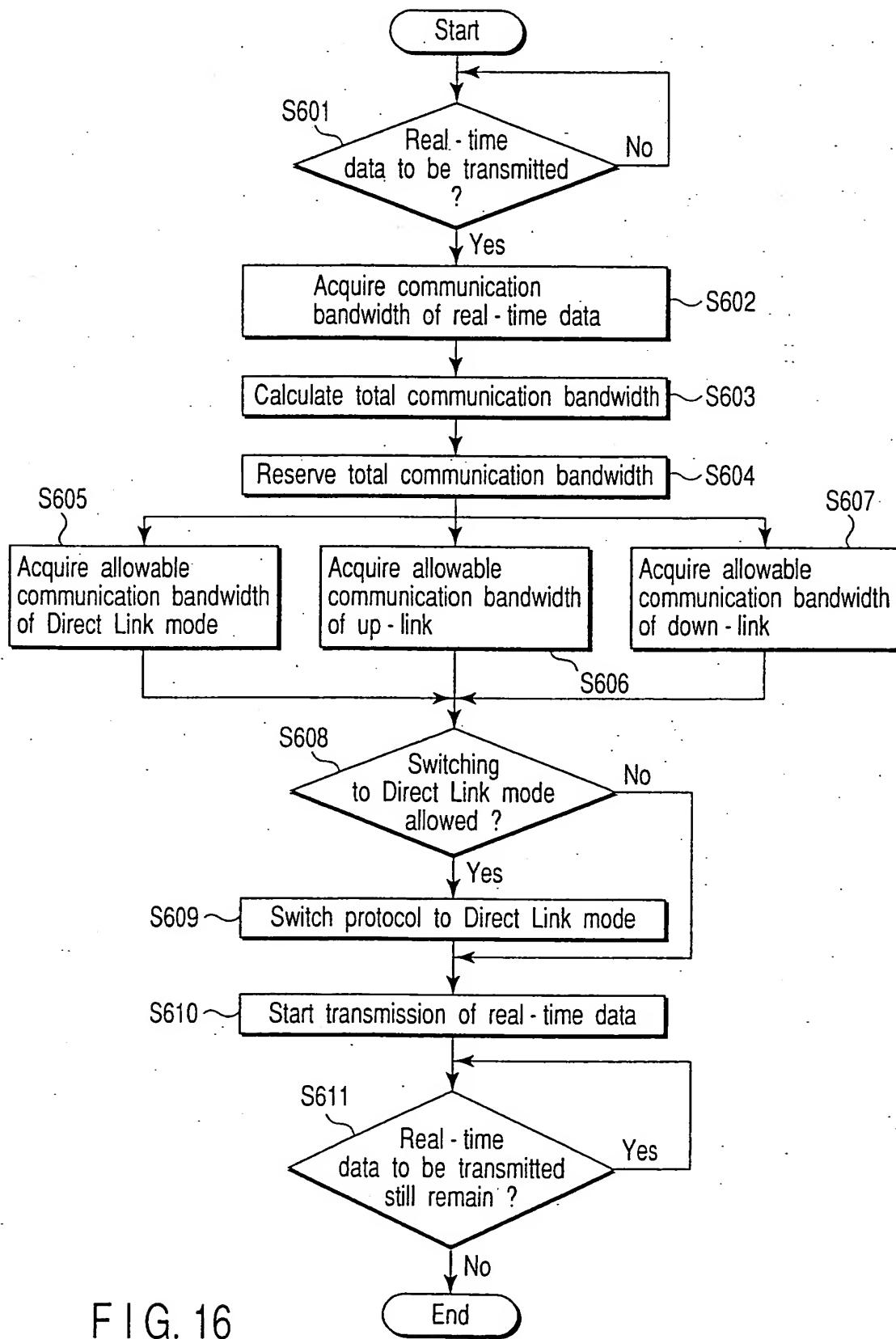


FIG. 16